



MileWide²

BRP435 LED115-4S/740II SI DM12 D9 48ST25

MileWide 2 side entry, LED module 11500 lm, 740 neutral white, Safety class II, Distribution medium 12, Silver, Marine-salt protected coating, Cable 0.5 m with cable connector 5-pole, Side-entry for diameter 48 mm

Many municipal authorities are embracing the benefits of contemporary outdoor lighting. These include a more attractive urban environment and increased comfort, safety and security for the public. Not to mention the positive impact on environmental protection and city branding. Together with Holscher Design, Philips has developed MileWide², the successor to the highly popular MileWide family. Featuring a range of dedicated masts and brackets, the pure, clean design of MileWide² integrates perfectly with today's and tomorrow's cityscape. With its highquality finish and high level of lighting performance, MileWide² is suitable for a wide range of applications, ranging from traffic roads to city centers. Multi-layer optics provide a uniform light distribution and reduced glare, enabling direct replacement of HID solutions without compromising on spacing, mounting height or light quality.

Product data

General Information	
Lamp family code	LED115 [LED module 11500 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	BRP435 [MileWide 2 side entry]

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0

MileWide²

Luminous Flux	9,775 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	142 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 12

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Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	69 W
Power Factor (Fraction)	0.99
Connection	Connection unit 5-pole
Cable	Cable 0.5 m with cable connector 5-pole
Number of products on MCB of 16 A type B	10

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Tem	nora	turo

Ambient temperature range

Controls and Dimming

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Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

-40 to +50 °C

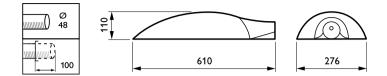
Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Silver
Mounting device	Side-entry for diameter 48 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	610 mm
Overall width	276 mm
Overall height	108 mm

Effective projected area	0.049 m²
Dimensions (height x width x depth)	108 x 276 x 610 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
ingress protection code	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 k
Suge Protection (Common/Dimerential)	differential mode and 8 kV common mode
Sustainability rating	
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	nt)
Driver failure rate at 5,000 hours	0.05 %
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life*	L96
100,000 h	
Application Conditions	
	25 °C
Performance ambient temperature Tq	
Maximum dim level	Programmable
Product Data	
Order product name	BRP435 LED115-4S/740II SI DM12 D9
	48ST25
Full product name	BRP435 LED115-4S/740II SI DM12 D9
	48ST25
Full EOC	871869958041400
Order code	58041400
Material no. (12 NC)	919008633654
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699580414
	8718699580414 1

MileWide²

Dimensional drawing





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